

# Eastern Region HIV/AIDS Epidemiological Profile

Fourth Quarter 2011

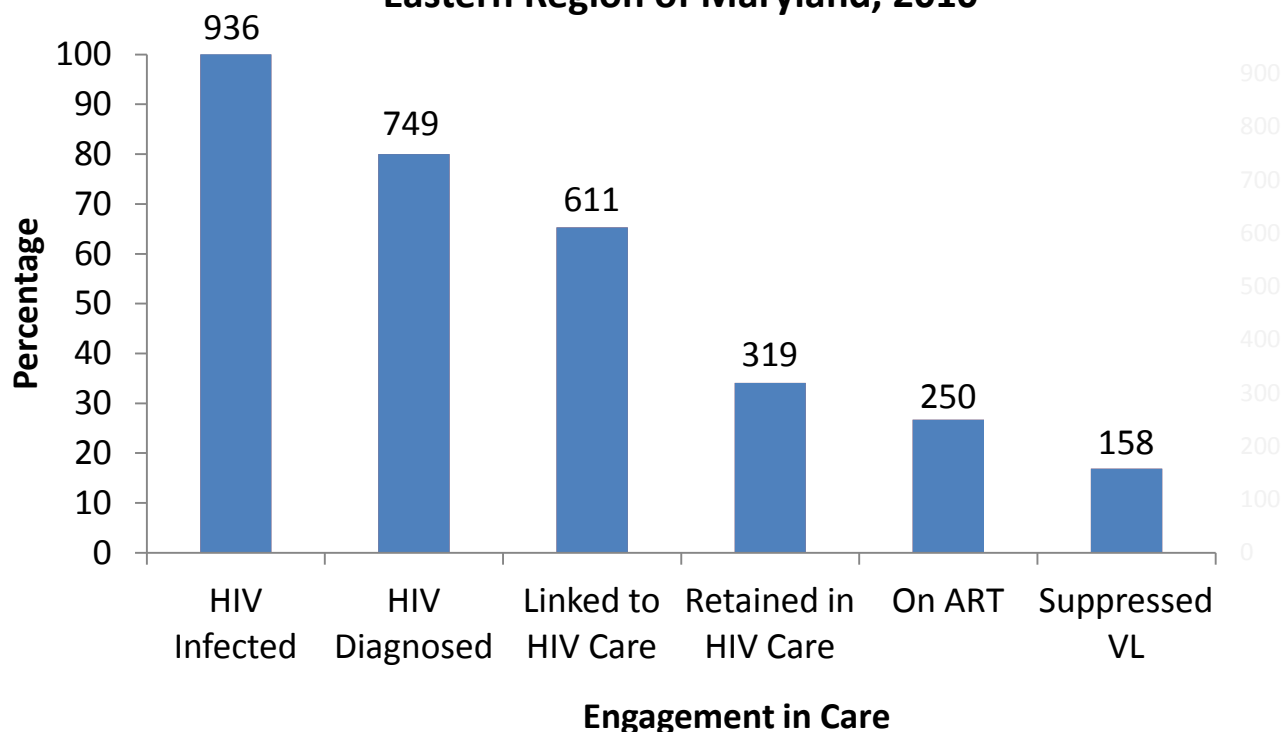
Data reported through December 31, 2011



Center for HIV Surveillance, Epidemiology and Evaluation  
Infectious Disease Bureau  
Prevention and Health Promotion Administration  
Maryland Department of Health and Mental Hygiene  
<http://ideha.dhmmh.maryland.gov/oideor/chse>  
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**Estimated Number and Percentage of HIV Infected Adults  
Engaged in Selected Stages of the Continuum of Care,  
Eastern Region of Maryland, 2010**



## Engagement in the Continuum of HIV Care

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. Nationally, it was estimated that among persons living with HIV in the United States, only 19% have achieved viral suppression. The Maryland Engagement in HIV Care Cascade (above) uses the national estimate of the number of undiagnosed persons (20%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care. In the Eastern Region, 82% of HIV diagnosed persons are linked to care. Less than half (43%) of HIV diagnosed persons are retained in care. Fewer still, 33% are on antiretroviral therapy, and 21% have achieved viral suppression.

Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” *Clin Infect Dis.* 2011; 52 (6): 793-800.

## TABLE OF CONTENTS

<b>Section I – Background Information .....</b>	<b>3</b>
<b>Section II – Trends 1985-2010 .....</b>	<b>6</b>
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2010.....	6
Figure 2 – Trends in Living HIV Cases, 1985-2010 .....	7
Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2010.....	8
Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2010 .....	9
Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2010 .....	10
Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2010.....	11
<b>Section III – Adult/Adolescent Cases by Jurisdiction .....</b>	<b>12</b>
Table 1 – Adult/Adolescent HIV Cases by Jurisdiction, Diagnoses during 2010.....	12
Table 2 – Adult/Adolescent AIDS Cases by Jurisdiction, Diagnoses during 2010 .....	12
Table 3 – Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010 .....	13
Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010 .....	14
Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010 .....	14
<b>Section IV – Cases by Age .....</b>	<b>15</b>
Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2010.....	15
Table 7 – AIDS Cases by Age at Diagnosis, Diagnoses during 2010 .....	15
Table 8 – HIV Cases by Current Age, Alive on 12/31/2010.....	16
Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010 .....	17
Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010 .....	17
<b>Section V – Adult/Adolescent Cases by Demographics .....</b>	<b>18</b>
Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2010 .....	18
Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2010 .....	19
Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010.....	20
Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010 .....	21
Table 15 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010 .....	22
<b>Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2010 .....</b>	<b>23</b>
Table 16 – Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010 .....	23
Table 17 – Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010 .....	24
<b>Section VII – HIV Exposure Category .....</b>	<b>25</b>
Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2010 .....	25
Table 19 – Adult/Adolescent AIDS Cases by Exposure Category and Sex at Birth, Diagnoses during 2010 .....	26
Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2010 .....	27
Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2010 .....	28
Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010 .....	29
Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010 .....	29
<b>Section VIII – Disease Progression and Mortality.....</b>	<b>30</b>
Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2009.....	30
Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2009 .....	31
<b>Section IX – Pediatric Cases .....</b>	<b>32</b>
Figure 9 – Trends in Pediatric HIV Cases, 1985-2010 .....	32
Table 24 – Pediatric HIV Cases by Jurisdiction, HIV Diagnosis during 2010, Alive on 12/31/2010.....	33
Table 25 – Pediatric HIV Cases by Demographics, HIV Diagnosis during 2010, Alive on 12/31/2010.....	33

## **Section I – Background Information**

### **HIV/AIDS Reporting Requirements**

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://ideha.dhmf.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

### **For Assistance with HIV/AIDS Reporting**

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

### **Limitations in the HIV/AIDS Data**

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 20% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. The laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

## **Stages of a Case of HIV/AIDS**

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

<b>Time Point</b>	<b>Biological Event</b>	<b>Medical Event</b>	<b>Surveillance Event</b>
<b>1</b>	HIV Infection		
<b>2</b>		HIV Diagnosis	
<b>3</b>			HIV Report
<b>4</b>	AIDS Conditions		
<b>5</b>		AIDS Diagnosis	
<b>6</b>			AIDS Report
<b>7</b>	Death		
<b>8</b>		Death Diagnosis	
<b>9</b>			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

## **Changes in Case Terminology**

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2010 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2010-12/31/2010, as reported by name through 12/31/2011.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2010 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2010 as reported by name through 12/31/2011.

### **Laboratory Data**

CD4 tests are measures of a person's immune system function. An HIV infected person is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been linked to care after diagnosis or is "in care".

### **Sources of Data**

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2011.

Population data by sex, age, and race are from the 2010 U.S. Census and by country-of-birth from the 2010 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

### **Tabulation of Column Totals**

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

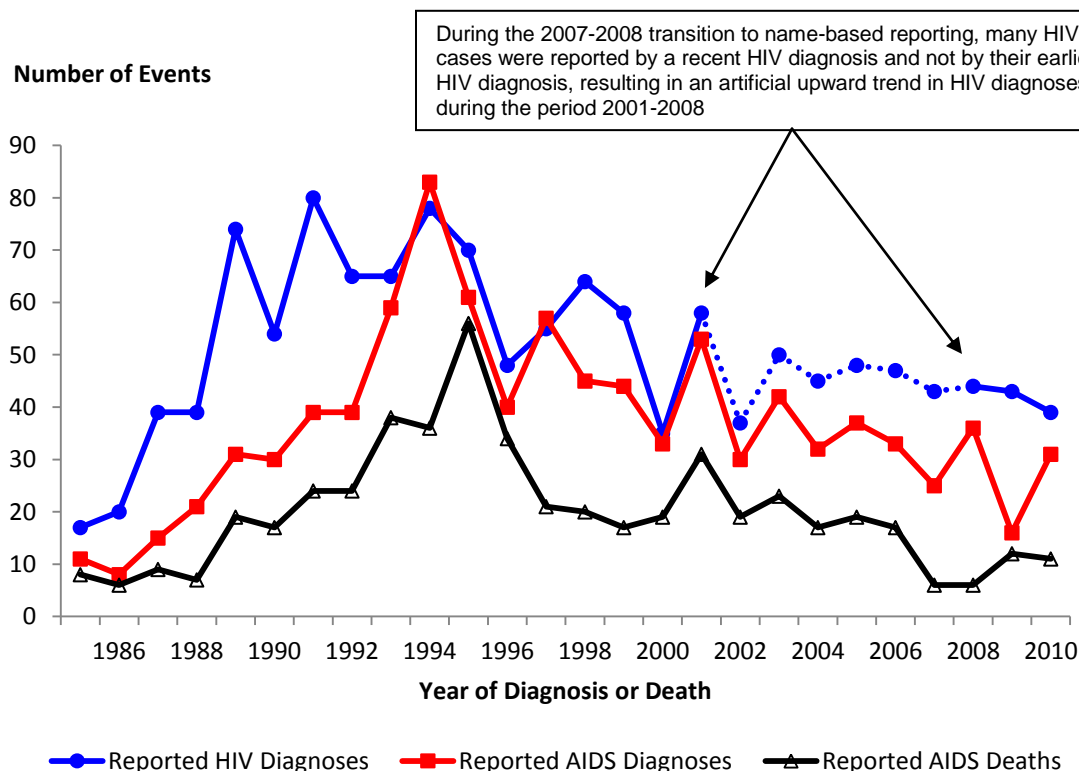
### **On-line Mapping Tool**

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://ideha.dhmfh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

## Section II – Trends 1985-2010

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2010**

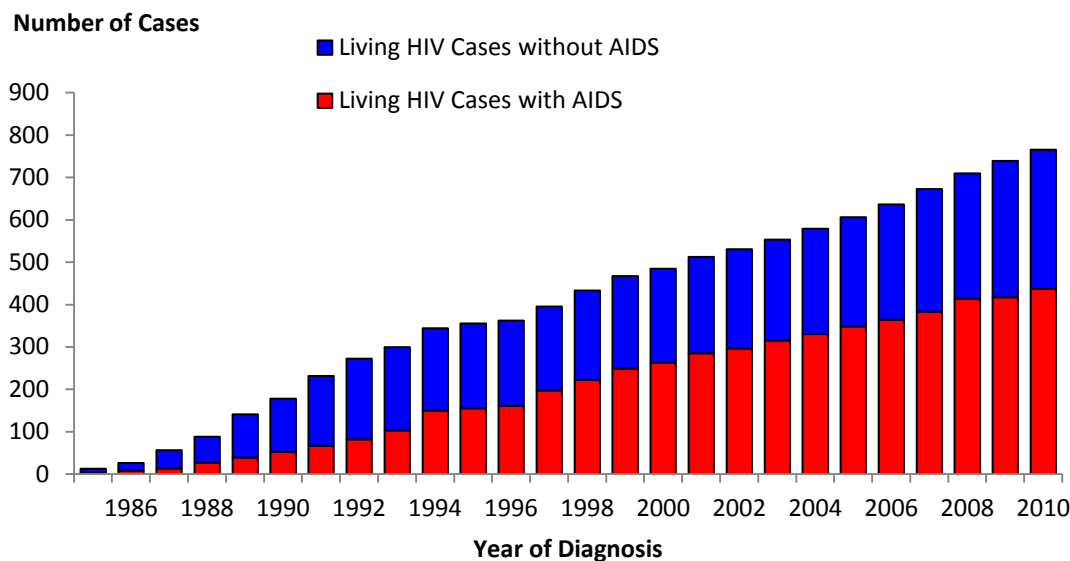
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2010 as Reported by Name through 12/31/2011.



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	8	7	5	1998	64	45	20
1985	17	11	8	1999	58	44	17
1986	20	8	6	2000	35	33	19
1987	39	15	9	2001	58	53	31
1988	39	21	7	2002	37	30	19
1989	74	31	19	2003	50	42	23
1990	54	30	17	2004	45	32	17
1991	80	39	24	2005	48	37	19
1992	65	39	24	2006	47	33	17
1993	65	59	38	2007	43	25	6
1994	78	83	36	2008	44	36	6
1995	70	61	56	2009	43	16	12
1996	48	40	34	2010	39	31	11
1997	55	57	21	<b>TOTAL</b>	1,323	958	521

**Figure 2 – Trends in Living HIV Cases, 1985-2010**

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2010, as Reported by Name through 12/31/2011

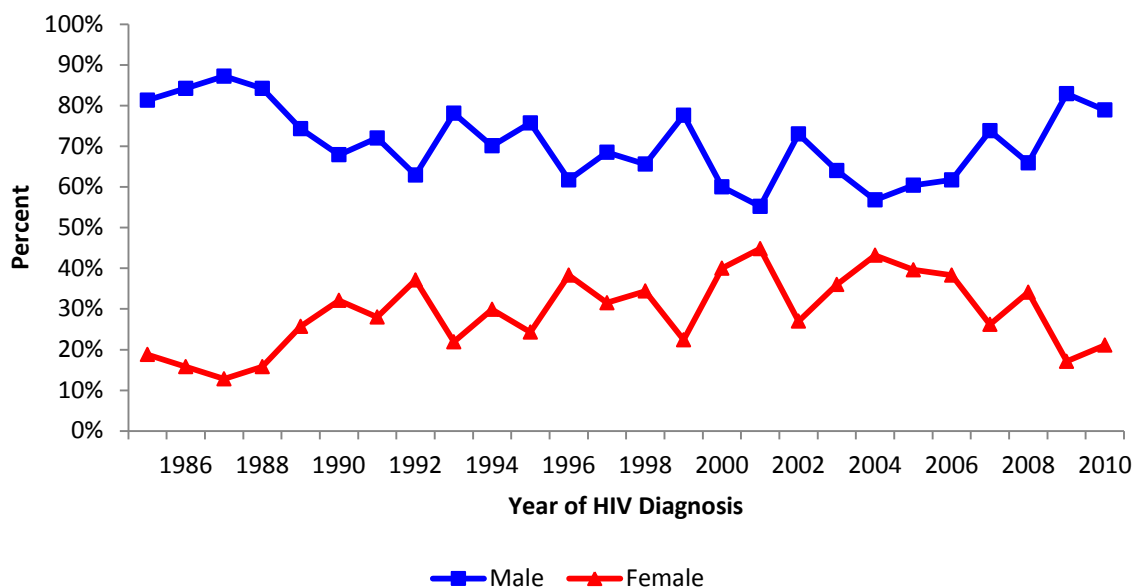


YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	7	5	12	1998	211	222	433
1986	19	7	26	1999	218	249	467
1987	43	13	56	2000	221	263	484
1988	61	27	88	2001	227	285	512
1989	102	39	141	2002	234	296	530
1990	126	52	178	2003	238	315	553
1991	164	67	231	2004	249	330	579
1992	190	82	272	2005	258	348	606
1993	196	103	299	2006	272	364	636
1994	194	150	344	2007	289	383	672
1995	200	155	355	2008	296	413	709
1996	201	161	362	2009	322	417	739
1997	198	197	395	2010	328	437	765



**Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2010**

Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011

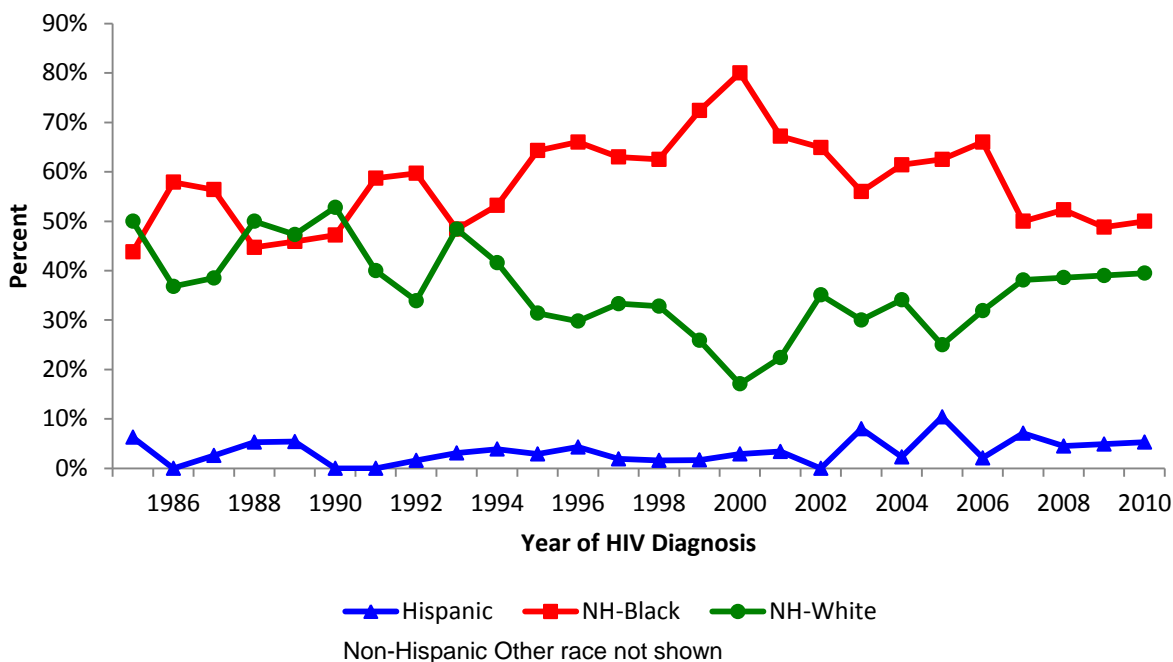


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	8	87.5%	12.5%	1998	64	65.6%	34.4%
1985	16	81.3%	18.8%	1999	58	77.6%	22.4%
1986	19	84.2%	15.8%	2000	35	60.0%	40.0%
1987	39	87.2%	12.8%	2001	58	55.2%	44.8%
1988	38	84.2%	15.8%	2002	37	73.0%	27.0%
1989	74	74.3%	25.7%	2003	50	64.0%	36.0%
1990	53	67.9%	32.1%	2004	44	56.8%	43.2%
1991	75	72.0%	28.0%	2005	48	60.4%	39.6%
1992	62	62.9%	37.1%	2006	47	61.7%	38.3%
1993	64	78.1%	21.9%	2007	42	73.8%	26.2%
1994	77	70.1%	29.9%	2008	44	65.9%	34.1%
1995	70	75.7%	24.3%	2009	41	82.9%	17.1%
1996	47	61.7%	38.3%	2010	38	78.9%	21.1%
1997	54	68.5%	31.5%	TOTAL	1,302	70.3%	29.7%



**Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2010**

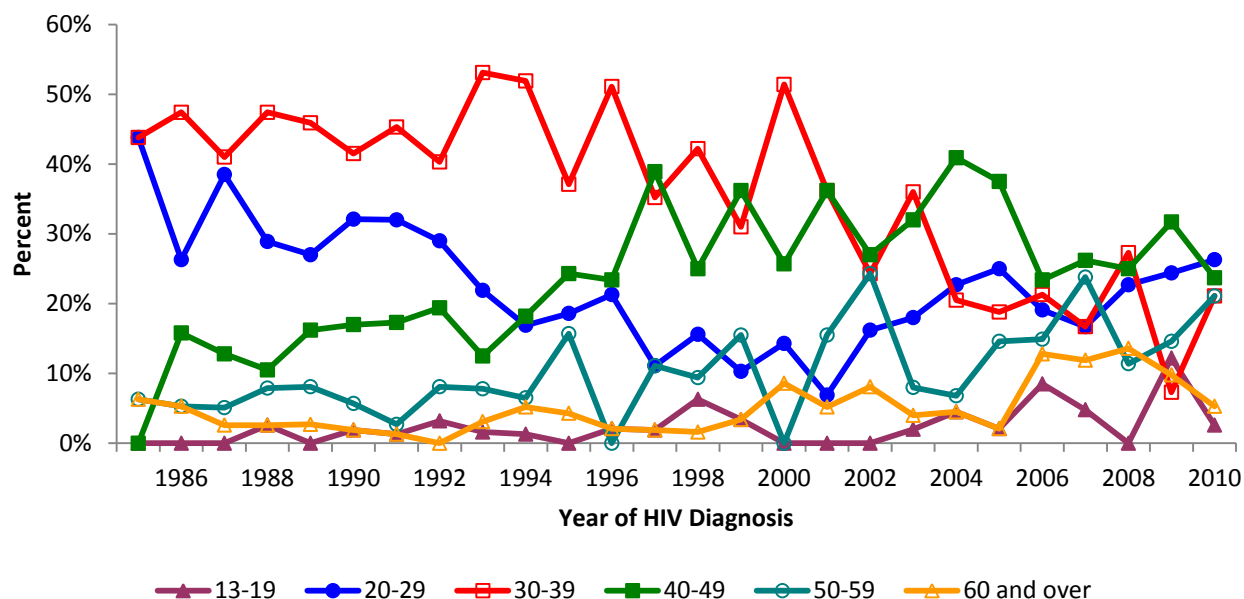
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	8	0.0%	62.5%	37.5%	0.0%
1985	16	6.3%	43.8%	50.0%	0.0%
1986	19	0.0%	57.9%	36.8%	5.3%
1987	39	2.6%	56.4%	38.5%	2.6%
1988	38	5.3%	44.7%	50.0%	0.0%
1989	74	5.4%	45.9%	47.3%	1.4%
1990	53	0.0%	47.2%	52.8%	0.0%
1991	75	0.0%	58.7%	40.0%	1.3%
1992	62	1.6%	59.7%	33.9%	4.8%
1993	64	3.1%	48.4%	48.4%	0.0%
1994	77	3.9%	53.2%	41.6%	1.3%
1995	70	2.9%	64.3%	31.4%	1.4%
1996	47	4.3%	66.0%	29.8%	0.0%
1997	54	1.9%	63.0%	33.3%	1.9%
1998	64	1.6%	62.5%	32.8%	3.1%
1999	58	1.7%	72.4%	25.9%	0.0%
2000	35	2.9%	80.0%	17.1%	0.0%
2001	58	3.4%	67.2%	22.4%	6.9%
2002	37	0.0%	64.9%	35.1%	0.0%
2003	50	8.0%	56.0%	30.0%	6.0%
2004	44	2.3%	61.4%	34.1%	2.3%
2005	48	10.4%	62.5%	25.0%	2.1%
2006	47	2.1%	66.0%	31.9%	0.0%
2007	42	7.1%	50.0%	38.1%	4.8%
2008	44	4.5%	52.3%	38.6%	4.5%
2009	41	4.9%	48.8%	39.0%	7.3%
2010	38	5.3%	50.0%	39.5%	5.3%
TOTAL	1,302	3.4%	58.1%	36.3%	2.3%

**Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2010**

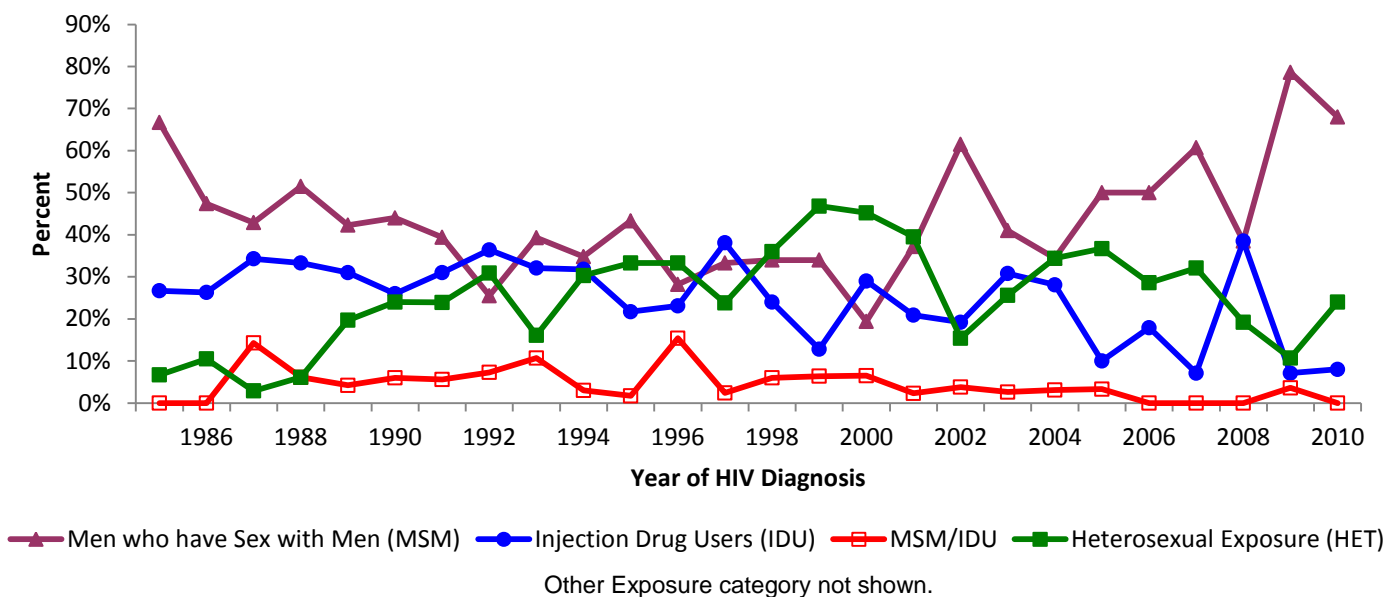
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	8	12.5%	25.0%	37.5%	12.5%	12.5%	0.0%
1985	16	0.0%	43.8%	43.8%	0.0%	6.3%	6.3%
1986	19	0.0%	26.3%	47.4%	15.8%	5.3%	5.3%
1987	39	0.0%	38.5%	41.0%	12.8%	5.1%	2.6%
1988	38	2.6%	28.9%	47.4%	10.5%	7.9%	2.6%
1989	74	0.0%	27.0%	45.9%	16.2%	8.1%	2.7%
1990	53	1.9%	32.1%	41.5%	17.0%	5.7%	1.9%
1991	75	1.3%	32.0%	45.3%	17.3%	2.7%	1.3%
1992	62	3.2%	29.0%	40.3%	19.4%	8.1%	0.0%
1993	64	1.6%	21.9%	53.1%	12.5%	7.8%	3.1%
1994	77	1.3%	16.9%	51.9%	18.2%	6.5%	5.2%
1995	70	0.0%	18.6%	37.1%	24.3%	15.7%	4.3%
1996	47	2.1%	21.3%	51.1%	23.4%	0.0%	2.1%
1997	54	1.9%	11.1%	35.2%	38.9%	11.1%	1.9%
1998	64	6.3%	15.6%	42.2%	25.0%	9.4%	1.6%
1999	58	3.4%	10.3%	31.0%	36.2%	15.5%	3.4%
2000	35	0.0%	14.3%	51.4%	25.7%	0.0%	8.6%
2001	58	0.0%	6.9%	36.2%	36.2%	15.5%	5.2%
2002	37	0.0%	16.2%	24.3%	27.0%	24.3%	8.1%
2003	50	2.0%	18.0%	36.0%	32.0%	8.0%	4.0%
2004	44	4.5%	22.7%	20.5%	40.9%	6.8%	4.5%
2005	48	2.1%	25.0%	18.8%	37.5%	14.6%	2.1%
2006	47	8.5%	19.1%	21.3%	23.4%	14.9%	12.8%
2007	42	4.8%	16.7%	16.7%	26.2%	23.8%	11.9%
2008	44	0.0%	22.7%	27.3%	25.0%	11.4%	13.6%
2009	41	12.2%	24.4%	7.3%	31.7%	14.6%	9.8%
2010	38	2.6%	26.3%	21.1%	23.7%	21.1%	5.3%
TOTAL	1,302	2.5%	21.7%	36.9%	24.1%	10.3%	4.5%

**Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2010**

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	8	6	66.7%	16.7%	0.0%	0.0%	16.7%
1985	16	15	66.7%	26.7%	0.0%	6.7%	0.0%
1986	19	19	47.4%	26.3%	0.0%	10.5%	15.8%
1987	39	35	42.9%	34.3%	14.3%	2.9%	5.7%
1988	38	33	51.5%	33.3%	6.1%	6.1%	3.0%
1989	74	71	42.3%	31.0%	4.2%	19.7%	2.8%
1990	53	50	44.0%	26.0%	6.0%	24.0%	0.0%
1991	75	71	39.4%	31.0%	5.6%	23.9%	0.0%
1992	62	55	25.5%	36.4%	7.3%	30.9%	0.0%
1993	64	56	39.3%	32.1%	10.7%	16.1%	1.8%
1994	77	66	34.8%	31.8%	3.0%	30.3%	0.0%
1995	70	60	43.3%	21.7%	1.7%	33.3%	0.0%
1996	47	39	28.2%	23.1%	15.4%	33.3%	0.0%
1997	54	42	33.3%	38.1%	2.4%	23.8%	2.4%
1998	64	50	34.0%	24.0%	6.0%	36.0%	0.0%
1999	58	47	34.0%	12.8%	6.4%	46.8%	0.0%
2000	35	31	19.4%	29.0%	6.5%	45.2%	0.0%
2001	58	43	37.2%	20.9%	2.3%	39.5%	0.0%
2002	37	26	61.5%	19.2%	3.8%	15.4%	0.0%
2003	50	39	41.0%	30.8%	2.6%	25.6%	0.0%
2004	44	32	34.4%	28.1%	3.1%	34.4%	0.0%
2005	48	30	50.0%	10.0%	3.3%	36.7%	0.0%
2006	47	28	50.0%	17.9%	0.0%	28.6%	3.6%
2007	42	28	60.7%	7.1%	0.0%	32.1%	0.0%
2008	44	26	38.5%	38.5%	0.0%	19.2%	3.8%
2009	41	28	78.6%	7.1%	3.6%	10.7%	0.0%
2010	38	25	68.0%	8.0%	0.0%	24.0%	0.0%
TOTAL	1,302	1,051	41.7%	26.0%	4.9%	26.3%	1.2%

## Section III – Adult/Adolescent Cases by Jurisdiction

**Table 1 – Adult/Adolescent HIV Cases by Jurisdiction, Diagnoses during 2010**

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Jurisdiction of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Jurisdiction of Residence at HIV Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
Caroline	27,066	3	7.9%	11.1	***	***	***	***	***
Cecil	83,349	5	13.2%	6.0	2	40.0%	***	40.0%	20.0%
Dorchester	27,586	10	26.3%	36.3	9	90.0%	184	90.0%	50.0%
Kent	17,641	1	2.6%	5.7	***	***	***	***	***
Queen Anne's	39,893	2	5.3%	5.0	***	***	***	***	***
Somerset	23,282	4	10.5%	17.2	***	***	***	***	***
Talbot	32,616	5	13.2%	15.3	4	80.0%	***	80.0%	40.0%
Wicomico	82,776	5	13.2%	6.0	5	100.0%	588	80.0%	40.0%
Worcester	44,977	3	7.9%	6.7	***	***	***	***	***
TOTAL	379,186	38	100.0%	10.0	33	86.8%	315	81.6%	36.8%

\*\*\* Data withheld due to low population and/or case counts

**Table 2 – Adult/Adolescent AIDS Cases by Jurisdiction, Diagnoses during 2010**

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Jurisdiction of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Jurisdiction of Residence at AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Caroline	27,066	1	3.3%	3.7	***	***
Cecil	83,349	4	13.3%	4.8	***	***
Dorchester	27,586	10	33.3%	36.3	5.5	50.0%
Kent	17,641	1	3.3%	5.7	***	***
Queen Anne's	39,893	2	6.7%	5.0	***	***
Somerset	23,282	1	3.3%	4.3	***	***
Talbot	32,616	1	3.3%	3.1	***	***
Wicomico	82,776	8	26.7%	9.7	2.9	50.0%
Worcester	44,977	2	6.7%	4.4	***	***
TOTAL	379,186	30	100.0%	7.9	4.2	53.3%

\*\*\* Data withheld due to low population and/or case counts

**Table 3 – Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010**

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported Adult/Adolescent HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Caroline	27,066	30	9.4%	110.8	26	6.0%	96.1	56	7.5%	206.9	483
Cecil	83,349	47	14.8%	56.4	65	15.1%	78.0	112	15.0%	134.4	744
Dorchester	27,586	32	10.1%	116.0	73	16.9%	264.6	105	14.0%	380.6	262
Kent	17,641	14	4.4%	79.4	20	4.6%	113.4	34	4.5%	192.7	518
Queen Anne's	39,893	15	4.7%	37.6	30	7.0%	75.2	45	6.0%	112.8	886
Somerset	23,282	20	6.3%	85.9	29	6.7%	124.6	49	6.5%	210.5	475
Talbot	32,616	25	7.9%	76.6	31	7.2%	95.0	56	7.5%	171.7	582
Wicomico	82,776	103	32.4%	124.4	112	26.0%	135.3	215	28.7%	259.7	385
Worcester	44,977	32	10.1%	71.1	45	10.4%	100.1	77	10.3%	171.2	584
TOTAL	379,186	318	100.0%	83.9	431	100.0%	113.7	749	100.0%	197.5	506

**Table 4 – CD4 Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Jurisdiction of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Jurisdiction of Counts for the most Recent CD4 Test Results, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Caroline	56	17	30.4%	627	11.8%	5.9%	23.5%	58.8%
Cecil	112	30	26.8%	427	13.3%	23.3%	26.7%	36.7%
Dorchester	105	55	52.4%	391	29.1%	12.7%	18.2%	40.0%
Kent	34	18	52.9%	532	16.7%	11.1%	11.1%	61.1%
Queen Anne's	45	26	57.8%	369	26.9%	19.2%	19.2%	34.6%
Somerset	49	21	42.9%	530	19.0%	19.0%	9.5%	52.4%
Talbot	56	30	53.6%	530	10.0%	13.3%	20.0%	56.7%
Wicomico	215	87	40.5%	434	21.8%	23.0%	11.5%	43.7%
Worcester	77	35	45.5%	547	17.1%	17.1%	11.4%	54.3%
TOTAL	749	319	42.6%	468	20.1%	17.6%	16.0%	46.4%

**Table 5 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Jurisdiction, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Jurisdiction of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Jurisdiction of the Most Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Caroline	56	17	30.4%	47.1%	1,147
Cecil	112	24	21.4%	54.2%	2,110
Dorchester	105	47	44.8%	51.1%	12,500
Kent	34	15	44.1%	60.0%	917
Queen Anne's	45	23	51.1%	52.2%	440
Somerset	49	23	46.9%	43.5%	10,000
Talbot	56	29	51.8%	69.0%	1,970
Wicomico	215	89	41.4%	47.2%	14,978
Worcester	77	28	36.4%	71.4%	708
TOTAL	749	295	39.4%	53.6%	5,725

## Section IV – Cases by Age

**Table 6 – HIV Cases by Age at Diagnosis, Diagnoses during 2010**

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Reported HIV Diagnoses), Number and Percent by Age Group of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Age Group of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Age Group of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Age at HIV Diagnosis, as Reported by Name through 12/31/2011

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	26,085	1	2.6%	3.8	***	***	***	***	***
5-12 (Pediatric)	43,955	0	0.0%	0.0	--	--	--	--	--
13-19	43,991	1	2.6%	2.3	***	***	***	***	***
20-29	55,555	10	25.6%	18.0	10	100.0%	335	80.0%	30.0%
30-39	49,313	8	20.5%	16.2	7	87.5%	368	87.5%	37.5%
40-49	65,195	9	23.1%	13.8	7	77.8%	203	77.8%	44.4%
50-59	65,577	8	20.5%	12.2	6	75.0%	179	75.0%	37.5%
60+	99,555	2	5.1%	2.0	***	***	***	***	***
TOTAL	449,226	39	100.0%	8.7	33	84.6%	315	79.5%	35.9%

\*\*\* Data withheld due to low population and/or case counts

**Table 7 – AIDS Cases by Age at Diagnosis, Diagnoses during 2010**

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Age Group of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Age at AIDS Diagnosis, as Reported by Name through 12/31/2011

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	26,085	0	0.0%	0.0	--	--
5-12 (Pediatric)	43,955	0	0.0%	0.0	--	--
13-19	43,991	0	0.0%	0.0	--	--
20-29	55,555	8	25.8%	14.4	2.2	87.5%
30-39	49,313	6	19.4%	12.2	4.6	16.7%
40-49	65,195	11	35.5%	16.9	3.8	45.5%
50-59	65,577	6	19.4%	9.1	8.9	50.0%
60+	99,555	0	0.0%	0.0	--	--
TOTAL	449,226	31	100.0%	6.9	4.5	51.6%



**Table 8 – HIV Cases by Current Age, Alive on 12/31/2010**

Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Age on 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	26,085	3	0.9%	11.5	0	0.0%	0.0	3	0.4%	11.5	8,695
5-12 (Pediatric)	43,955	1	0.3%	2.3	0	0.0%	0.0	1	0.1%	2.3	43,955
13-19	43,991	7	2.1%	15.9	2	0.5%	4.5	9	1.2%	20.5	4,887
20-29	55,555	49	14.9%	88.2	20	4.6%	36.0	69	9.0%	124.2	805
30-39	49,313	55	16.8%	111.5	48	11.0%	97.3	103	13.5%	208.9	478
40-49	65,195	97	29.6%	148.8	159	36.4%	243.9	256	33.5%	392.7	254
50-59	65,577	86	26.2%	131.1	149	34.1%	227.2	235	30.7%	358.4	279
60+	99,555	30	9.1%	30.1	59	13.5%	59.3	89	11.6%	89.4	1,118
TOTAL	449,226	328	100.0%	73.0	437	100.0%	97.3	765	100.0%	170.3	587

**Table 9 – CD4 Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Age Group of Counts for the Most Recent CD4 Test Results, by Age on 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	5	4	80.0%	***	***	***	***	***
20-29	63	30	47.6%	602	10.0%	23.3%	10.0%	56.7%
30-39	101	42	41.6%	530	26.2%	4.8%	16.7%	52.4%
40-49	256	116	45.3%	481	22.4%	13.8%	15.5%	48.3%
50-59	235	97	41.3%	441	20.6%	21.6%	15.5%	42.3%
60+	89	30	33.7%	***	***	***	***	***
TOTAL	749	319	42.6%	468	20.1%	17.6%	16.0%	46.4%

\*\*\* Data withheld due to low population and/or case counts

**Table 10 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Current Age, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Age Group of Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Age Group of the Most Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Age on 12/31/2010, as Reported by Name through 12/31/2011

AGE ON 12/31/2010	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
13-19	5	3	60.0%	***	***
20-29	63	30	47.6%	26.7%	12,958
30-39	101	39	38.6%	48.7%	16,383
40-49	256	111	43.4%	54.1%	1,568
50-59	235	88	37.4%	63.6%	2,543
60+	89	24	27.0%	***	1,226
TOTAL	749	295	39.4%	53.6%	5,725

## Section V – Adult/Adolescent Cases by Demographics

**Table 11 – Adult/Adolescent HIV Cases by Demographics, Diagnoses during 2010**

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Demographic of Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Demographic of Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Demographic of Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	184,110	30	78.9%	16.3	25	83.3%	312	76.7%	40.0%
Female	195,076	8	21.1%	4.1	8	100.0%	327	100.0%	25.0%
TOTAL	379,186	38	100.0%	10.0	33	86.8%	315	81.6%	36.8%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	12,890	2	5.3%	15.5	***	***	***	***	***
Non-Hispanic	366,296	36	94.7%	9.8	***	***	***	***	***
American Indian/ Alaska Native, only	907	0	0.0%	0.0	--	--	--	--	--
Asian, only	4,787	0	0.0%	0.0	--	--	--	--	--
Black, only	59,629	19	50.0%	31.9	16	84.2%	332	78.9%	36.8%
Native Hawaiian/Other Pacific Islander, only	105	0	0.0%	0.0	--	--	--	--	--
White, only	296,315	15	39.5%	5.1	13	86.7%	299	80.0%	26.7%
Multiracial/Other	4,553	2	5.3%	43.9	***	***	***	***	***
TOTAL	379,186	38	100.0%	10.0	33	86.8%	315	81.6%	36.8%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	357,140	35	92.1%	9.8	30	85.7%	320	80.0%	31.4%
Foreign-born	18,673	2	5.3%	10.7	***	***	***	***	***
Africa	--	0	0.0%	--	--	--	--	--	--
Asia	--	0	0.0%	--	--	--	--	--	--
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	2	5.3%	--	***	***	***	***	***
Other	--	0	0.0%	--	--	--	--	--	--
Unknown	--	1	2.6%	--	***	***	***	***	***
TOTAL	375,814	38	100.0%	10.1	33	86.8%	315	81.6%	36.8%

\*\*\* Data withheld due to low population and/or case counts

**Table 12 – Adult/Adolescent AIDS Cases by Demographics, Diagnoses during 2010**

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Demographic of Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Male	184,110	24	80.0%	13.0	3.3	62.5%
Female	195,076	6	20.0%	3.1	7.5	16.7%
TOTAL	379,186	30	100.0%	7.9	4.2	53.3%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	12,890	2	6.7%	15.5	***	***
Non-Hispanic	366,296	28	93.3%	7.6	4.2	***
American Indian/ Alaska Native, only	907	0	0.0%	0.0	--	--
Asian, only	4,787	0	0.0%	0.0	--	--
Black, only	59,629	16	53.3%	26.8	3.5	50.0%
Native Hawaiian/Other Pacific Islander, only	105	0	0.0%	0.0	--	--
White, only	296,315	10	33.3%	3.4	6	50.0%
Multiracial/Other	4,553	2	6.7%	43.9	***	***
TOTAL	379,186	30	100.0%	7.9	4.2	53.3%

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Years from HIV Diagnosis	% Late HIV Diagnosis
United States	357,140	29	96.7%	8.1	4.3	51.7%
Foreign-born	18,673	1	3.3%	5.4	***	***
Africa	--	0	0.0%	--	--	--
Asia	--	0	0.0%	--	--	--
Caribbean	--	0	0.0%	--	--	--
Central America	--	1	3.3%	--	***	***
Other	--	0	0.0%	--	--	--
Unknown	--	0	0.0%	--	--	--
TOTAL	375,814	30	100.0%	8.0	4.2	***

\*\*\* Data withheld due to low population and/or case counts

**Table 13 – Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010**

Age 13+ Population Census on 4/1/2010, Number, Percent of Total, and Rate per 100,000 Population of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), and Ratio of People per Case (1 case in every X people) for Total Living HIV Cases, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	184,110	204	64.2%	110.8	291	67.5%	158.1	495	66.1%	268.9	371
Female	195,076	114	35.8%	58.4	140	32.5%	71.8	254	33.9%	130.2	768
TOTAL	379,186	318	100.0%	83.9	431	100.0%	113.7	749	100.0%	197.5	506

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	12,890	15	4.7%	116.4	14	3.2%	108.6	29	3.9%	225.0	444
Non-Hispanic	366,296	303	95.3%	82.7	417	96.8%	113.8	720	96.1%	196.6	508
American Indian/Alaska Native, only	907	***	***	***	***	***	***	***	***	***	***
Asian, only	4,787	1	0.3%	20.9	1	0.2%	20.9	2	0.3%	41.8	2,393
Black, only	59,629	192	60.4%	322.0	236	56.6%	395.8	428	57.1%	717.8	139
Native Hawaiian/ Other Pacific Islander, only	105	***	***	***	***	***	***	***	***	***	***
White, only	296,315	103	32.4%	34.8	163	37.8%	55.0	266	35.5%	89.8	1,114
Multiracial/Other	4,553	6	1.9%	131.8	16	3.7%	351.4	22	2.9%	483.2	207
TOTAL	379,186	318	100.0%	83.9	431	100.0%	113.7	749	100.0%	197.5	506

COUNTRY OF BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	357,140	305	95.9%	85.4	409	94.9%	114.5	714	95.3%	199.9	500
Foreign-born	18,673	12	3.8%	64.3	22	5.1%	117.8	34	4.5%	182.1	549
Africa	--	***	***	--	***	***	--	***	***	--	--
Asia	--	1	0.3%	--	2	0.5%	--	3	0.4%	--	--
Caribbean	--	***	***	--	***	***	--	***	***	--	--
Central America	--	3	0.9%	--	6	1.4%	--	9	1.2%	--	--
Other	--	2	0.6%	--	2	0.5%	--	4	0.5%	--	--
Unknown	--	1	0.3%	--	0	0.0%	--	1	0.1%	--	--
TOTAL	375,814	318	100.0%	84.6	431	100.0%	114.7	749	100.0%	199.3	501

\*\*\* Data withheld due to low population and/or case counts

**Table 14 – CD4 Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Demographic of Counts for the Most Recent CD4 Test Results, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	495	210	42.4%	458	19.0%	20.0%	15.7%	45.2%
Female	254	109	42.9%	486	22.0%	12.8%	16.5%	48.6%
TOTAL	749	319	42.6%	468	20.1%	17.6%	16.0%	46.4%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	29	13	44.8%	151	61.5%	0.0%	7.7%	30.8%
Non-Hispanic	720	306	42.5%	477	18.3%	18.3%	16.3%	47.1%
American Indian/ Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	2	***	***	***	***	***	***	***
Black, only	428	178	41.6%	420	23.0%	19.7%	15.2%	42.1%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	266	112	42.1%	531	13.4%	15.2%	19.6%	51.8%
Multiracial/Other	22	15	68.2%	533	0.0%	26.7%	6.7%	66.7%
TOTAL	749	319	42.6%	468	20.1%	17.6%	16.0%	46.4%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	714	308	43.1%	463	19.2%	18.2%	16.2%	46.4%
Foreign-born	34	10	29.4%	490	50.0%	0.0%	10.0%	40.0%
Africa	***	***	***	***	***	***	***	***
Asia	3	***	***	***	***	***	***	***
Caribbean	***	***	***	***	***	***	***	***
Central America	9	7	77.8%	95	71.4%	0.0%	0.0%	28.6%
Other	4	***	***	***	***	***	***	***
Unknown	1	1	100.0%	588	0.0%	0.0%	0.0%	100.0%
TOTAL	749	319	42.6%	468	20.1%	17.6%	16.0%	46.4%

\*\*\* Data withheld due to low population and/or case counts

**Table 15 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Demographics, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Demographic of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Demographic of the Most Recent Viral Load Test Results that were Undetectable and the Median Detectable Result in Copies per Milliliter, by Sex at Birth, by Race/Ethnicity, and by Country of Birth, as Reported by Name through 12/31/2011

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Male	495	191	38.6%	53.9%	3,843
Female	254	104	40.9%	52.9%	6,446
TOTAL	749	295	39.4%	53.6%	5,725

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
Hispanic	29	13	44.8%	38.5%	68,866
Non-Hispanic	720	282	39.2%	54.3%	4,050
American Indian/ Alaska Native, only	***	***	***	***	***
Asian, only	2	***	***	***	***
Black, only	428	165	38.6%	47.9%	4,890
Native Hawaiian/ Other Pacific Islander, only	***	***	***	***	***
White, only	266	100	37.6%	65.0%	6,446
Multiracial/Other	22	16	72.7%	50.0%	562
TOTAL	749	295	39.4%	53.6%	5,725

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Undetectable	Median Detectable
United States	714	285	39.9%	54.0%	4,055
Foreign-born	34	9	26.5%	33.3%	24,646
Africa	***	***	***	***	***
Asia	3	***	***	***	***
Caribbean	***	***	14.3%	***	***
Central America	9	6	66.7%	16.7%	43,400
Other	4	***	***	***	***
Unknown	1	***	***	***	***
TOTAL	749	295	39.4%	53.6%	5,725

\*\*\* Data withheld due to low population and/or case counts



## Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2010

**Table 16 – Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010**

Population Census on 4/1/2010, Number, Rate per 100,000 Population, and Ratio of Males per Case (1 case in every X males) for Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/2010, as Reported by Name through 12/31/2011

MALES						
AGE ON 12/31/2010		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,469	6,320	24,350	2,415	35,554
	Cases	0	1	0	0	1
	Rate	0.0	15.8	0.0	0.0	2.8
	Ratio (1 in X)	--	6,320	--	--	35,554
13-19	Population	1,108	4,253	15,763	921	22,045
	Cases	***	3	2	***	6
	Rate	***	70.5	12.7	***	27.2
	Ratio (1 in X)	***	1,417	7,881	***	3,674
20-29	Population	2,330	5,721	19,105	960	28,116
	Cases	***	36	11	***	49
	Rate	***	629.3	57.6	***	174.3
	Ratio (1 in X)	***	158	1,736	***	573
30-39	Population	1,750	4,017	17,856	787	24,410
	Cases	***	22	18	***	52
	Rate	***	547.7	100.8	***	213.0
	Ratio (1 in X)	***	182	992	***	469
40-49	Population	1,121	4,977	25,352	845	32,295
	Cases	***	84	68	***	167
	Rate	***	1,687.8	268.2	***	517.1
	Ratio (1 in X)	***	59	372	***	193
50-59	Population	552	4,614	25,877	736	31,779
	Cases	***	87	59	***	157
	Rate	***	1,885.6	228.0	***	494.0
	Ratio (1 in X)	***	53	438	***	202
60+	Population	404	5,012	39,374	675	45,465
	Cases	***	32	38	***	72
	Rate	***	638.5	96.5	***	158.4
	Ratio (1 in X)	***	156	1,036	***	631
TOTAL MALES BY RACE/ ETHNICITY	Population	9,734	34,914	167,677	7,339	219,664
	Cases	23	265	196	20	504
	Rate	236.3	759.0	116.9	272.5	229.4
	Ratio (1 in X)	423	131	855	367	435

\*\*\* Data withheld due to low population and/or case counts

**Table 17 – Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2010**

Population Census on 4/1/2010, Number, Rate per 100,000 Population, and Ratio of Females per Case (1 case in every X females) for Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Total Living HIV Cases) by Race/Ethnicity and Age on 12/31/2010, as Reported by Name through 12/31/2011

FEMALES						
AGE ON 12/31/2010		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	2,389	6,216	23,356	2,525	34,486
	Cases	0	1	2	0	3
	Rate	0.0	16.1	8.6	0.0	8.7
	Ratio (1 in X)	--	6,216	11,678	--	11,495
13-19	Population	971	4,420	15,508	1,047	21,946
	Cases	0	1	2	0	3
	Rate	0.0	22.6	12.9	0.0	13.7
	Ratio (1 in X)	--	4,420	7,754	--	7,315
20-29	Population	1,604	5,569	19,258	1,008	27,439
	Cases	1	11	7	1	20
	Rate	62.3	197.5	36.3	99.2	72.9
	Ratio (1 in X)	1,604	506	2,751	1,008	1,372
30-39	Population	1,298	4,113	18,592	900	24,903
	Cases	***	30	16	***	51
	Rate	***	729.4	86.1	***	204.8
	Ratio (1 in X)	***	137	1,162	***	488
40-49	Population	830	5,085	26,058	927	32,900
	Cases	***	60	24	***	89
	Rate	***	1,179.9	92.1	***	270.5
	Ratio (1 in X)	***	84	1,085	***	369
50-59	Population	500	5,117	27,368	813	33,798
	Cases	***	52	25	***	78
	Rate	***	1,016.2	91.3	***	230.8
	Ratio (1 in X)	***	98	1,094	***	433
60+	Population	422	6,731	46,204	733	54,090
	Cases	0	16	1	0	17
	Rate	0.0	237.7	2.2	0.0	31.4
	Ratio (1 in X)	--	420	46,204	--	3,181
TOTAL FEMALES BY RACE/ ETHNICITY	Population	8,014	37,251	176,344	7,953	229,562
	Cases	7	171	77	6	261
	Rate	87.3	459.0	43.7	75.4	113.7
	Ratio (1 in X)	1,144	217	2,290	1,325	879

\*\*\* Data withheld due to low population and/or case counts

## Section VII – HIV Exposure Category

**Table 18 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Diagnoses during 2010**

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/2010-12/31/2010 (Adult/Adolescent Reported HIV Diagnoses), Number and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a First Reported CD4 Test Result in the 12 Months following HIV Diagnosis (First CD4 Test Result) and Median Count of the First CD4 Test Results, Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with a Reported CD4 Test Result or a Reported HIV Viral Load Test Result in the 3 Months following HIV Diagnosis (Linked to Care), and Percent by Exposure Category of Adult/Adolescent Reported HIV Diagnoses with an AIDS Diagnosis in the 12 Months following HIV Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Men who have Sex with Men (MSM)	17	68.0%	88.2%	344	82.4%	35.3%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0.0%	--	--	--
Heterosexual Exposure (HET)	6	24.0%	83.3%	338	83.3%	33.3%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	13		84.6%	310	76.9%	30.8%
TOTAL	38		86.8%	315	81.6%	36.8%
With Exposure	25	100.0%	88.0%	332	84.0%	40.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Men who have Sex with Men (MSM)	17	81.0%	88.2%	344	82.4%	35.3%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0.0%	--	--	--
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	***	***	***	***	***	***
No Reported Exposure	9		77.8%	310	66.7%	33.3%
TOTAL	30		83.3%	312	76.7%	40.0%
With Exposure	21	100.0%	85.7%	319	81.0%	42.9%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
Injection Drug Users (IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***
Other Exposures	***	***	***	***	***	***
No Reported Exposure	4		100.0%	307	100.0%	25.0%
TOTAL	8		100.0%	327	100.0%	25.0%
With Exposure	4	100.0%	100.0%	354	100.0%	25.0%

\*\*\* Data withheld due to low population and/or case counts

**Table 19 – Adult/Adolescent AIDS Cases by Exposure Category and Sex at Birth, Diagnoses during 2010**

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/2010-12/31/2010 (Adult/Adolescent Reported AIDS Diagnoses), and Average Years from HIV Diagnosis to AIDS Diagnosis, and Percent by Exposure Category of Adult/Adolescent Reported AIDS Diagnoses with an HIV Diagnosis in the 12 Months preceding AIDS Diagnosis (Late HIV Diagnosis), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	13	56.5%	2.4	76.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	6	26.1%	7.7	33.3%
Other Exposures	***	***	***	***
No Reported Exposure	7		3.9	28.6%
TOTAL	30		4.2	53.3%
With Exposure	23	100.0%	4.3	60.9%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Men who have Sex with Men (MSM)	13	72.2%	2.4	76.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	--
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	***	***	***	***
No Reported Exposure	6		3.4	33.3%
TOTAL	24		3.3	62.5%
With Exposure	18	100.0%	3.3	72.2%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Years from HIV Diagnosis	% Late HIV Diagnosis
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	***	***	***	***
No Reported Exposure	1		7.0	0.0%
TOTAL	6		7.5	16.7%
With Exposure	5	100.0%	7.6	20.0%

\*\*\* Data withheld due to low population and/or case counts

**Table 20 – Adult/Adolescent HIV Cases by Exposure Category and Sex at Birth, Alive on 12/31/2010**

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases), by Exposure Category and by Sex at Birth and Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	101	47.0%	141	40.2%	242	42.8%
Injection Drug Users (IDU)	37	17.2%	89	25.4%	126	22.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	4.2%	10	2.8%	19	3.4%
Heterosexual Exposure (HET)	68	31.6%	110	31.3%	178	31.4%
Other Exposures	0	0.0%	1	0.3%	1	0.2%
No Reported Exposure*	103		80		183	
TOTAL	318		431		749	
With Exposure	215	100.0%	351	100.0%	566	100.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	101	66.0%	141	57.8%	242	61.0%
Injection Drug Users (IDU)	24	15.7%	57	23.4%	81	20.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	5.9%	10	4.1%	19	4.8%
Heterosexual Exposure (HET)	19	12.4%	36	14.8%	55	13.9%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	51		47		98	
TOTAL	204		291		495	
With Exposure	153	100.0%	244	100.0%	397	100.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Injection Drug Users (IDU)	13	21.0%	32	29.9%	45	26.6%
Heterosexual Exposure (HET)	49	79.0%	74	69.2%	123	72.8%
Other Exposures	0	0.0%	1	0.9%	1	0.6%
No Reported Exposure*	52		33		85	
TOTAL	114		140		254	
With Exposure	62	100.0%	107	100.0%	169	100.0%

\* Includes 21 HIV cases without AIDS and 21 HIV cases with AIDS with Presumed Female Heterosexual Exposure

**Table 21 – Adult/Adolescent HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2010**

Number, Percent of Total with Exposure Category, and Percent of Total with Exposure Category, of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), by Exposure Category and Selected Race/Ethnicity Categories, and by Sex at Birth, Exposure Category, and Selected Race/Ethnicity Categories, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	9	42.9%	102	32.8%	120	56.6%
Injection Drug Users (IDU)	5	23.8%	73	23.5%	41	19.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	10	3.2%	6	2.8%
Heterosexual Exposure (HET)	6	28.6%	125	40.2%	45	21.2%
Other Exposures	***	***	1	0.3%	0	0.0%
No Reported Exposure*	8	--	117	--	54	--
TOTAL	29	--	428	--	266	--
With Exposure	21	100.0%	311	100.0%	212	100.0%

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Men who have Sex with Men (MSM)	9	52.9%	102	50.0%	120	76.4%
Injection Drug Users (IDU)	***	***	51	25.0%	20	12.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	10	4.9%	6	3.8%
Heterosexual Exposure (HET)	***	***	41	20.1%	11	7.0%
Other Exposures	***	***	0	0.0%	0	0.0%
No Reported Exposure	6		55		36	
TOTAL	23		259		193	
With Exposure	17	100.0%	204	100.0%	157	100.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
Injection Drug Users (IDU)	***	***	22	20.6%	21	38.2%
Heterosexual Exposure (HET)	***	***	84	78.5%	34	61.8%
Other Exposures	***	***	1	0.9%	0	0.0%
No Reported Exposure*	2		62		18	
TOTAL	6		169		73	
With Exposure	4	100.0%	107	100.0%	55	100.0%

\* 33 non-Hispanic black cases, and 6 non-Hispanic white cases with Presumed Female Heterosexual exposure

**Table 22 – CD4 Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported CD4 Test Result in the Previous 12 Months (Recent CD4 Test Result), and Median Count in Cells per Microliter and Percent Distribution by Exposure Category of Counts for the Most Recent CD4 Test Results, by Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Men who have Sex with Men (MSM)	242	112	46.3%	502	14.3%	18.8%	17.0%	50.0%
Injection Drug Users (IDU)	126	54	42.9%	426	20.4%	20.4%	18.5%	40.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	19	10	52.6%	273	30.0%	30.0%	10.0%	30.0%
Heterosexual Exposure (HET)	178	75	42.1%	486	25.3%	13.3%	14.7%	46.7%
Other Exposures	1	0	0.0%	--	--	--	--	--
No Reported Exposure*	183	68	37.2%	482	22.1%	16.2%	14.7%	47.1%
TOTAL	749	319	42.6%	468	20.1%	17.6%	16.0%	46.4%
With Exposure	566	251	44.3%	467	19.5%	17.9%	16.3%	46.2%

\* Includes 42 cases with Presumed Female Heterosexual exposure

**Table 23 – HIV Viral Load Testing for Adult/Adolescent HIV Cases by Exposure Category, Alive on 12/31/2010**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/2010 (Adult/Adolescent Total Living HIV Cases), Number and Percent by Exposure Category of Adult/Adolescent Total Living HIV Cases with a Reported HIV Viral Load Test Result in the Previous 12 Months (Recent Viral Load Test Result), Percent by Exposure Category of the Most Recent Viral Load Test Results that were Undetectable, and the Median Detectable Result in Copies per Milliliter, by Exposure Category, as Reported by Name through 12/31/2011

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Un-detectable	Median Detectable
Men who have Sex with Men (MSM)	242	108	44.6%	50.9%	7,059
Injection Drug Users (IDU)	126	46	36.5%	69.6%	626
Men who have Sex with Men and Inject Drugs (MSM/IDU)	19	7	36.8%	42.9%	2,028
Heterosexual Exposure (HET)	178	69	38.8%	50.7%	20,553
Other Exposures	1	0	0.0%	0.0%	--
No Reported Exposure*	183	65	35.5%	50.8%	5,635
TOTAL	749	295	39.4%	53.6%	5,725
With Exposure	566	230	40.6%	54.3%	5,725

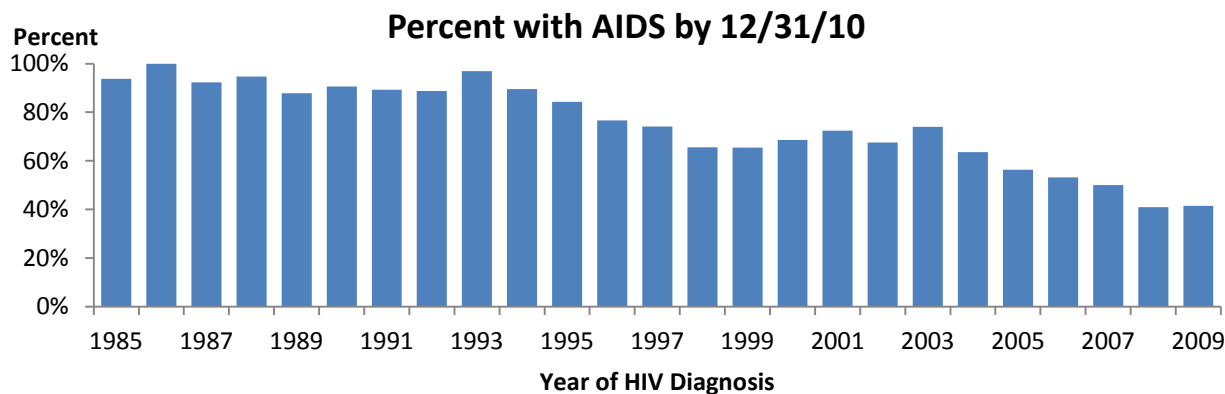
\* Includes 42 cases with Presumed Female Heterosexual exposure



## Section VIII – Disease Progression and Mortality

**Figure 7 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2009**

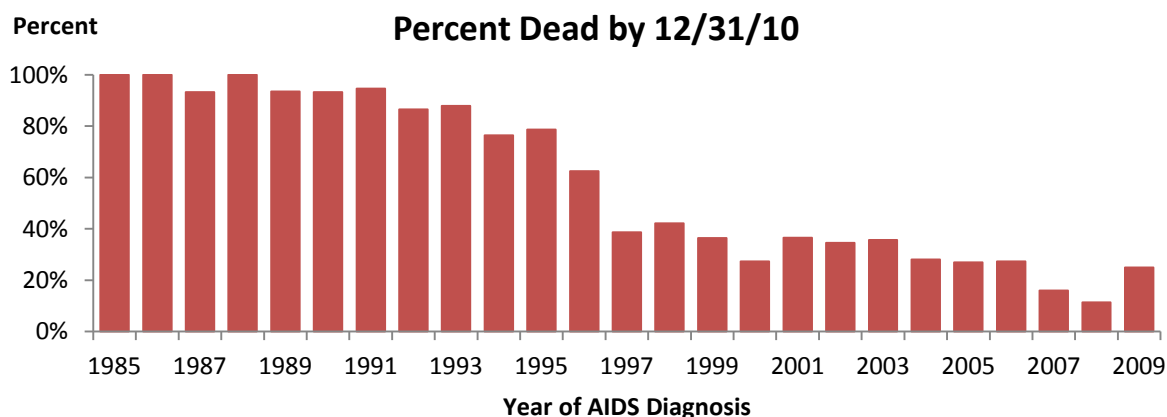
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/09 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2011 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2011, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2009, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	0.8	87.5%	87.5%	87.5%	100.0%
1985	16	15	93.8%	3.6	62.5%	62.5%	62.5%	81.3%
1986	19	19	100.0%	3.2	47.4%	52.6%	73.7%	94.7%
1987	39	36	92.3%	4.7	35.9%	35.9%	59.0%	76.9%
1988	38	36	94.7%	2.6	52.6%	57.9%	76.3%	86.8%
1989	74	65	87.8%	3.8	41.9%	44.6%	56.8%	82.4%
1990	53	48	90.6%	3.6	37.7%	41.5%	60.4%	83.0%
1991	75	67	89.3%	2.8	45.3%	49.3%	65.3%	85.3%
1992	62	55	88.7%	3.6	41.9%	48.4%	64.5%	80.6%
1993	64	62	96.9%	2.1	53.1%	67.2%	85.9%	93.8%
1994	77	69	89.6%	2.0	63.6%	68.8%	75.3%	83.1%
1995	70	59	84.3%	1.7	52.9%	60.0%	74.3%	84.3%
1996	47	36	76.6%	3.2	42.6%	42.6%	51.1%	72.3%
1997	54	40	74.1%	1.4	57.4%	57.4%	66.7%	72.2%
1998	64	42	65.6%	2.2	43.8%	46.9%	51.6%	59.4%
1999	58	38	65.5%	1.3	53.4%	55.2%	56.9%	63.8%
2000	35	24	68.6%	1.0	51.4%	51.4%	65.7%	68.6%
2001	58	42	72.4%	1.0	56.9%	60.3%	65.5%	--
2002	37	25	67.6%	0.9	51.4%	56.8%	64.9%	--
2003	50	37	74.0%	0.8	62.0%	64.0%	70.0%	--
2004	44	28	63.6%	1.2	47.7%	47.7%	56.8%	--
2005	48	27	56.3%	0.4	52.1%	52.1%	56.3%	--
2006	47	25	53.2%	0.6	46.8%	46.8%	--	--
2007	42	21	50.0%	0.2	47.6%	47.6%	--	--
2008	44	18	40.9%	0.3	36.4%	36.4%	--	--
2009	41	17	41.5%	0.2	41.5%	--	--	--
TOTAL	1,264	959	75.9%	2.1	49.3%	52.5%	62.4%	72.5%

**Figure 8 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2009**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/09 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2011 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2011, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2009, as Reported by Name through 12/31/2011

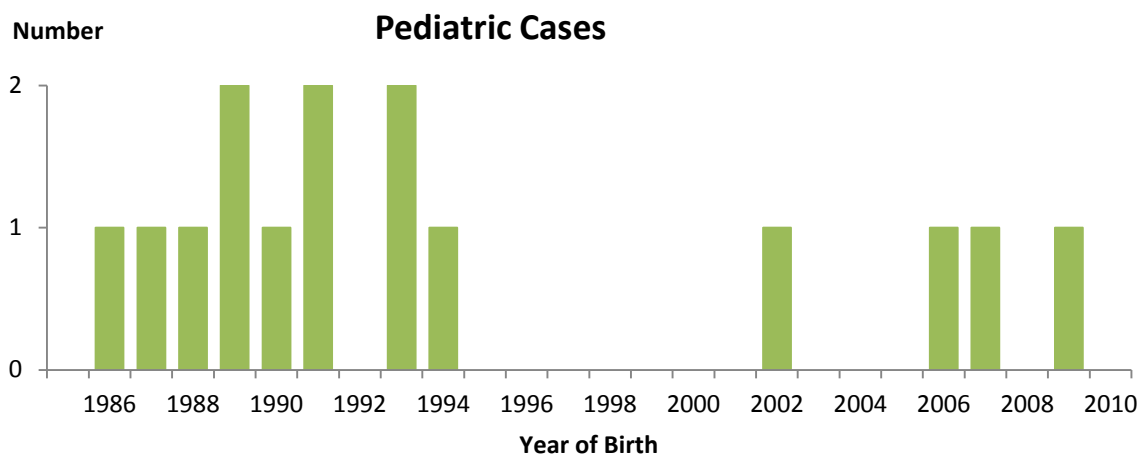


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	7	7	100.0%	0.5	14.3%	0.0%	0.0%	0.0%
1985	10	10	100.0%	0.5	30.0%	0.0%	0.0%	0.0%
1986	8	8	100.0%	0.9	37.5%	25.0%	0.0%	0.0%
1987	15	14	93.3%	2.5	60.0%	40.0%	13.3%	13.3%
1988	21	21	100.0%	1.8	61.9%	28.6%	9.5%	0.0%
1989	31	29	93.5%	2.3	58.1%	45.2%	16.1%	9.7%
1990	30	28	93.3%	2.6	76.7%	50.0%	23.3%	6.7%
1991	38	36	94.7%	2.3	73.7%	42.1%	18.4%	5.3%
1992	37	32	86.5%	2.0	62.2%	40.5%	18.9%	16.2%
1993	58	51	87.9%	2.8	77.6%	53.4%	27.6%	15.5%
1994	81	62	76.5%	3.5	75.3%	63.0%	40.7%	30.9%
1995	61	48	78.7%	3.7	72.1%	62.3%	47.5%	26.2%
1996	40	25	62.5%	3.6	80.0%	75.0%	57.5%	40.0%
1997	57	22	38.6%	3.8	89.5%	82.5%	71.9%	63.2%
1998	45	19	42.2%	2.8	84.4%	80.0%	66.7%	57.8%
1999	44	16	36.4%	4.1	95.5%	90.9%	75.0%	63.6%
2000	33	9	27.3%	1.2	84.8%	78.8%	72.7%	72.7%
2001	52	19	36.5%	2.4	80.8%	78.8%	69.2%	--
2002	29	10	34.5%	2.1	82.8%	75.9%	69.0%	--
2003	42	15	35.7%	2.2	81.0%	76.2%	71.4%	--
2004	32	9	28.1%	1.8	87.5%	81.3%	75.0%	--
2005	37	10	27.0%	2.2	86.5%	86.5%	78.4%	--
2006	33	9	27.3%	1.3	81.8%	81.8%	--	--
2007	25	4	16.0%	1.2	92.0%	92.0%	--	--
2008	35	4	11.4%	1.7	94.3%	94.3%	--	--
2009	16	4	25.0%	0.2	75.0%	--	--	--
TOTAL	917	521	56.8%	2.6	78.2%	67.7%	53.0%	44.9%

## Section IX – Pediatric Cases

**Figure 9 – Trends in Pediatric HIV Cases, 1985-2010**

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR	Pediatric Reported HIV Cases				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	6	0	0	0	--
1985	0	1	1	0	1
1986	1	1	0	0	2
1987	1	0	0	0	2
1988	1	1	0	0	3
1989	2	0	0	1	2
1990	1	1	0	0	3
1991	2	5	1	0	8
1992	0	3	2	1	10
1993	2	1	1	0	11
1994	1	1	2	0	12
1995	0	0	0	2	10
1996	0	1	1	1	9
1997	0	1	0	0	10
1998	0	0	0	0	10
1999	0	0	0	0	10
2000	0	0	0	0	10
2001	0	0	1	0	10
2002	1	0	1	0	10
2003	0	0	0	0	10
2004	0	1	0	0	11
2005	0	0	0	0	11
2006	1	0	0	0	11
2007	1	1	0	0	12
2008	0	0	1	0	12
2009	1	2	0	0	14
2010	0	1	0	0	16
TOTAL	21	21	11	5	--

**Table 24 – Pediatric HIV Cases by Jurisdiction, HIV Diagnosis during 2010, Alive on 12/31/2010**

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) and Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/2010 (Pediatric Total Living HIV Cases) by Jurisdiction of Residence at the Latter of HIV or AIDS Diagnosis, as Reported by Name through 12/31/2011

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Caroline	0	0.0%	1	6.3%
Cecil	0	0.0%	2	12.5%
Dorchester	1	100.0%	4	25.0%
Kent	0	0.0%	2	12.5%
Queen Anne's	0	0.0%	0	0.0%
Somerset	0	0.0%	2	12.5%
Talbot	0	0.0%	2	12.5%
Wicomico	0	0.0%	2	12.5%
Worcester	0	0.0%	1	6.3%
TOTAL	1	100.0%	16	100.0%

**Table 25 – Pediatric HIV Cases by Demographics, HIV Diagnosis during 2010, Alive on 12/31/2010**

Number and Percent of Total of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of 12/31/2010 (Pediatric Total Living HIV Cases) by Sex at Birth and by Race/Ethnicity, as Reported by Name through 12/31/2011

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	9	56.3%
Female	7	43.8%
TOTAL	16	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	1	6.3%
Non-Hispanic	15	93.8%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	8	50.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	7	43.8%
Multiracial/Other	0	0.0%
TOTAL	16	100.0%